

Miguel Villa Floran

FRONTEND DEVELOPER · UPCOMING FULL STACK DEVELOPER · CURIOUS, CREATIVE, AND CLEVER

✉ miguelvillaflores@gmail.com | 🏠 miguelvf.com | 📷 Kawees | 📺 miguel-vf | 📍 Los Angeles, CA

Work Experience

NovaCrypt

SENIOR FRONTEND DEVELOPER

Remote

Jun. 2020 - Present

- Collaborated with a team of 15 people to design, implement, and deploy the NovaCrypt website which serves a community of 1300+ people. Website can be found at <https://novacrypt.org>
- Collaborated on the construction and mobile responsivity of the website using HTML5, CSS3, JavaScript, jQuery, Git, and Bootstrap 4

CAMS VEX 687: The Nerd Herd

VICE PRESIDENT / CO-CAPTAIN / LEAD PROGRAMMER / BUILDER

Remote

Sep. 2019 - Present

- Responsible for the management of a team of 14 members
- Oversaw the programming of a robot's Autonomous movement and Driver-based control movement
- Oversaw and participated in the construction of the robot

CodeDay/omegaUp

CODELABS FRONTEND/BACKEND INTERN

Remote

Jun. 2020 - Aug. 2020

- Created a metric system for a learning platform that serves 25,000+ users.
- Using PHP, created a metric system that tracked the course progress of a user and displayed progress in the form of graphs and charts using TypeScript

Honors & Awards

NATIONAL

2021 **Finalist**, Lemelson-MIT Program InvenTeam Finalist

Remote

2020 **Semi-Finalist**, CyberPatriot XIII Gold (73th percentile)

Remote

2020 **Participant**, Google Foobar Challenge Invitee

Remote

DOMESTIC

2021 **3rd Place**, Science Olympiad SoCal Regional (Game On)

Los Angeles, CA

2018 **2nd Place**, MESA CSULB Regional Prosthetic Arm Challenge

Long Beach, CA

Education

California Academy of Mathematics and Science (CAMS)

HIGH SCHOOL DIPLOMA, COMPUTER SCIENCE AND ROBOTICS

Carson, CA

Aug. 2018 - Jun 2022

- Clubs/Activities: VEX, Academic Decathlon, CAMS Lemelson-MIT InvenTeam Finalist, California Scholarship Federation (CSF), CAMS Computer Science and Cybersecurity (CSC) Board, CAMS UNICEF Board, CAMS MESA, CAMS Science Olympiad Team

Long Beach City College (LBCC)

A.S. IN COMPUTER SCIENCE AND WEB DEVELOPMENT

Long Beach, CA

Dec. 2020 - Present

- Dual Enrollment, expected to graduate in June 2022

University of California, Los Angeles (UCLA)

LOS ANGELES COMPUTING CIRCLE (LACC)

Los Angeles, CA

Jul. 2019 - Aug. 2019

- Summer program that exposes high school students to select computer science topics taught and mentored by UCLA Professors and UCLA Graduate Students
- Topics covered included Embedded Systems, Website Databases + APIs, Machine Learning, Social Networks, Artificial Intelligence, and Algorithms

Skills

Front-end React, HTML5, CSS, JavaScript, TypeScript, SASS, Bootstrap, Tailwind, Jekyll

Back-end MongoDB, Express, Node, Django, Flask

Programming Python, JAVA, C++, MATLAB, OpenCV, Tensorflow, LaTeX, Git, Lua

Languages English, Spanish, Japanese

Interests Computer Science, Frontend/Full Stack Development, Arduino, Raspberry Pi, Machine Learning

Strengths Curious, Creative, Clever, Hard-Working, Motivating, Leader, Public Speaking, Lifelong Learner